

# UNIVERSITY OF WOLLONGONG CAMPUS NEWS



Number 3

Wednesday, 25 March 1992

## Progressive companies and outstanding students recognised



*The changing face of engineering. Scholarship winners: Front (l to r) Katherine Gallagher (Guyre) and Emily Goodall (ACT). Centre: William Chant (Taree), Hannah Ngoma (Sydney) and Adam Treverrow (Wollongong). Back: Laura Camarotto (ACT), Associate Professor Max Lowrey (Faculty of Engineering) and Lyndon Montgomery (Boggabri)*

At a ceremony held recently the University paid tribute to 25 organisations that had the foresight to invest in young Australians with outstanding talent.

These companies have provided scholarships under the Co-operative Education Scholarship scheme to some of the country's top students to enable

them to undertake degree programs.

The Co-operative Education Scholarship Program was developed during 1990 to provide for the first intake of scholarship holders in 1991.

The aim of the program was to strengthen and extend working relationships between the University and

industry (private and public sector) and in the process to provide sponsored scholarships (\$9300 per annum) and opportunities for students to have relevant work experience with different organisations.

**Full list of sponsors page 4**

## Brief News

In accordance with the University's procedures for reviewing academic units, the Vice-Chancellor has initiated a review of the Department of Biology following the resignation of the Head of the Department, Professor Helen Garnett.

It is anticipated that the review will take place in June or July this year. The review will be a 'full review' as defined in the procedures.

Submissions to the review panel are invited from the academic community. Submissions, which will be treated as in confidence, should be forwarded to Peter Wood, Manager Academic Services, and should reach him no later than 30 April 1992.

A copy of the University's review procedures can be obtained from the Administration File Server. Refer to Section M of the Management Handbook which is located in the 'Public Information' folder on the Server.

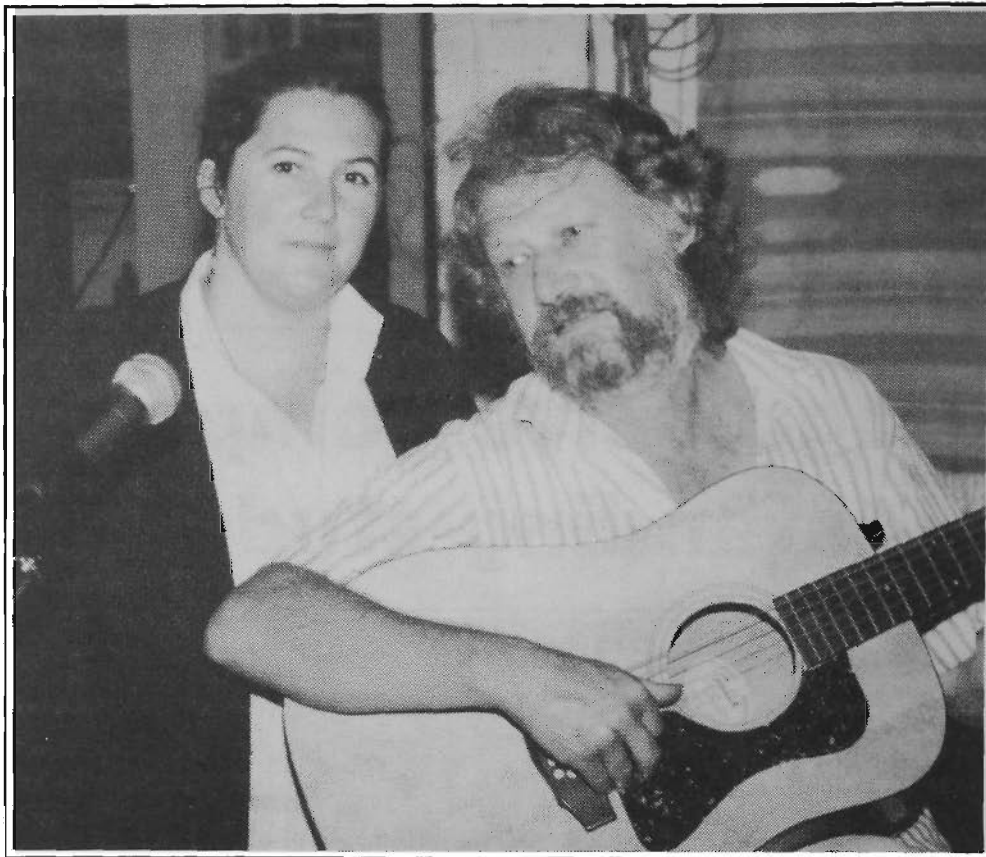
Enquiries in relation to this matter should be addressed to Peter Wood (ext. 3943).

It was reported last week in *Campus News* that Dr Stephen Pyne had been awarded a Von Humboldt Research Fellowship.

In fact, Dr Pyne and Dr William Price from the Department of Chemistry, have both been awarded Alexander von Humboldt Research Fellowships for 1992.

Dr Price will carry out work investigating the transport properties of alkane-alcohol mixtures under pressure. This will be in collaboration with Professor HD Ludemann at the University of Regensburg.

Dr Pyne will conduct research on new methods for the asymmetric syn-



*Leanne Robinson and Rob MacGregor*

Two members of the University staff have begun to make a name for themselves in the world of music.

Leanne Robinson, secretary at Weerona College, and Rob MacGregor, senior lecturer in the Department of Business Systems, are half of the band Finn Castle Mill who have recently launched their second album, entitled *Listen Listen*.

The band has played for audiences of 4000 - 5000 in NSW and Victoria and have secured a 12-concert tour of Scandinavia, Scotland and Ireland.

*Listen Listen*, available on tape and CD, is the culmination of 12 months' hard work and the band members are delighted to find that their intricate arrangements of both instrumental and vocal harmonies have caught the ear of distributors in Europe.

Anyone interested in hearing the band in concert or purchasing a copy of the new album should contact either Leanne (ext. 3167) or Rob (ext. 3758).

thesis of chiral biologically active molecules at the University of Marburg.

Humboldt Research Fellowships are awarded to scholars of all disciplines from any country to facilitate high

quality collaborative research at German institutions.

The fellowships are very competitive with only approximately 500 awards offered annually.

## Graduates group book sale

The Friends of the University Graduates Group will hold the next monthly book sale on 28-29 March at their Campus east shop (opposite the Science Centre) from 1-5pm.

Mixed textbooks, fiction, music, young readers' books and magazines will be available.

Donations of material are also invited. All proceeds go towards campus projects. Enquiries to (042) 29 1951 or (042) 62 1536 at any time or to the Friends Office (042) 21 3110 on weekdays.

## Book-inspired photo show

Michael Porter, an independent Sydney photographer, is presenting a photographic exhibition called 'Adam's Descent' in the Long Gallery, School of Creative Arts.

The work is an artistic response to a book recently published by one of this University's academics, Director of the Centre for Research Policy, Professor Stephen Hill.

Porter said, 'In 1989 I read *The Tragedy of Technology* by Stephen Hill. 'I found in this book a new way of perceiving the culture in which we live.'



# VC award for outstanding general staff members

A new award system has been introduced to reward outstanding service to the University by members of the general staff.

The award parallels in many ways, the Vice-Chancellor's Award for Excellence in Teaching, as both have been introduced to encourage and reward outstanding or exceptional work performance.

The recipients will have the option of receiving the reward in the form of an amount of money, \$1000 (tax free), or attendance at courses or conferences of their own choice, to the value of \$1000.

Consideration may also be given to utilising the award to pay for the provision of equipment, eg: a personal computer for either work or home use.

All recipients will also receive an inscribed certificate, these certificates will be awarded to the employee on University Day each year.

Up to six awards will be available annually.

Awards will only be issued for

nominations which demonstrate exceptional and outstanding achievements. Any or all awards need not be given in any one year.

A nomination may be made by any three people.

Only one of the nominators may be from the nominee's own Department/Branch/School/Division/Centre.

No more than one nominator may be an external client (with a demonstrated affiliation with the University).

Self-nominations will not be accepted.

Nominations should reach Department or Unit Heads by 3 April 1992.

All members of the staff covered by the General Staff Salaries and Conditions Awards will be eligible. Individual and groups are eligible to receive the award.

A group may consist of a work team or unit, who have worked together to implement or achieve the success.

The amount of the reward will be divided between the members of the group. As a guideline, nominated

units would not normally exceed six members.

The award will be for a single outstanding success in the workplace. It will not reward satisfactory or good performance only.

The nomination will meet one or more of the following criteria:

- An outstanding and exceptional achievement or success, with a demonstrated value,

- Outstanding service to clients of the Branch/Department/University, with a definable benefit to the clients,

- An outstanding or novel initiative which has been implemented, and has a demonstrated value,

- Changes or improvements to work practices of a definable benefit to the Branch/Department/University

For information on the decision making process and procedural matters please refer to the information brochure available from Personnel Services Branch or Faculty offices.

Alternatively you can contact Ann Kiceluk, Personnel Officer General Staff, on ext.4284.

## Maureen's a new development officer

Maureen Bell has been appointed General Staff Development Officer.

She was previously with the NSW Department of School Education in Sydney as a Senior Education Officer (Professional Development) in the Human Resource Development Directorate.

Her responsibilities included the co-ordination of staff development programs in a wide variety of areas including responding to child sexual assault, non-sexist education and classroom practices.

Maureen developed courses and training kits for the Department such as job application and interview skills, and presented training courses in a variety of areas including assertiveness skills and career planning.

She was pleased to have joined the Centre for Staff Development at a time when the importance of career development has been recognised by the University.

She believes that a program of career planning and management should be an integral part of staff development.

Such a program, which balances the University's work-force requirements and the career needs of staff can lead to increased organisational effectiveness and greater job satisfaction for staff members.



Maureen Bell

# Co-operative Education Scholarships sponsors

BHP Steel, Slab & Plate Products Division

The Illawarra Technology Corporation

Illawarra Mutual Building Society

David Brown Gear Industries Pty Ltd

Apple Computers Australia Pty Ltd

Kembla Coal and Coke Pty Ltd

Illawarra Electricity

Wollongong City Council

MM Metals

University of Wollongong Foundation

Southern Copper

Open Systems Corporation

ACT Electricity and Water

ACT Roads and Transport Authority

NorTel Australia Pty Ltd

OTC

Water Board

**Solicitors:** Kell Heard McEwan and Lough;  
Maguire and McInerney; Higgins Dyson and  
Webley; Peedom, Brodie and Ward; Daly  
Bussoletti and Co; and Denley Gargett and  
Baird



*Jack Willigers, Mr Alan Erimata of Open System Corporation, a keen supporter of several University projects including the University Centre in Sydney, Computer Engineering Scholarship winner, Eric Willigers, and Mrs Janny Willigers*



# Honorary Degrees, Fellowships announced

The University Council has approved invitations for the award of two Honorary Degrees and two Fellowships of the University.

The awards, to be conferred at the May Graduation ceremonies, will be

given to Professor John Passmore, Ted Tobin, Brian Loton and Con Martin.

Professor Passmore will receive an Honorary Doctor of Letters degree for outstanding achievement in furthering the discipline of philosophy, as academic, writer and commentator.

Mr Tobin will be presented with a Fellowship of the University for fostering athletic and sporting talent in the young people of the region and his contribution to the University.

Mr Loton will get an Honorary Doctor of Science degree for outstanding leadership and services to the Australian Steel industry which has provided support for this region and to the University.

Mr Martin's award is a Fellowship of the University for contributions to the mining industry and to the development of mining engineering studies at the University.

Professor Passmore and Mr Tobin will receive their awards on Wednesday 13 May, 10am.

Mr Loton and Mr Martin will be honoured on Thursday 14 May at 9.45am



*The video presentation at the Science Centre has taken a quantum leap thanks to a substantial donation of video equipment from the Korean-based multinational company Samsung. Science Centre Director Glen Moore (pictured) took delivery of the new equipment*

## Graduation Day ceremonies

The May Graduation Ceremonies, from 12-15, will be prefaced on 11 May by University Day.

Details of the ceremonies are:

**TUESDAY 12 MAY – 2.30pm**

**Health and Behavioural Sciences:**

All Human Movement and Nursing degrees and diplomas; Bachelor of Science (Health Science and Nutrition).

**Science:** All other Science and Environmental Science degrees and diplomas.

**WEDNESDAY 13 MAY – 10am**

**Arts:** All Arts and Creative Arts degrees and diplomas.

**Education:** Graduate diploma in Educational Studies (NOT Graduate Diploma in Education); Diploma in Teaching (external course).

**THURSDAY 14 MAY – 9.45am**

**Commerce:** Associate Diplomas in Administration and Computer Applications; Graduate Diploma in Commerce; Master of Business Administration.

**Engineering:** All Engineering degrees (except Electrical and Computer Engineering).

**Informatics:** All Mathematics and Computer Science degrees and diplomas; Electrical and Computer Engineering degrees; Information Technology and Communication degrees.

**Law:** Graduate Diploma in Law.

**THURSDAY 14 MAY – 2.45pm**

**Commerce:** Bachelor of Commerce (pass and honours); Master of Com-

merce (pass and honours); Master of Management.

**FRIDAY 15 MAY – 10.00am**

**Education:** All Education degrees and diplomas other than the diplomas listed for the Thursday afternoon ceremony.

All ceremonies will be held in the University Sports Hall.

Entry to each ceremony is by ticket only. Invitations for academic staff to attend and participate in the academic procession will be distributed shortly.

Staff are advised that parking restrictions will apply in some University car parks on graduation days, especially the multi-storey carpark.

General enquiries in relation to Olena Cullen, ext. 4136, or Jenel Elrick, ext. 3947.





*AISC Senior Engineer, Jose Zaragoza presented a certificate to Peter Milevski at a ceremony on Thursday 12 March*

## Peter Milevski gets AISC award

The University of Wollongong has selected Peter Milevski for the 1991 Australian Institute of Steel Construction (AISC) Steel Design Award.

The award acknowledges excellence in steel-related subjects of third year

engineering students.

Peter received a \$200 cheque and the opportunity to compete for an AISC graduate award this year, which offers an overseas trip for work experience.

The awards are part of AISC's com-

prehensive Education Strategy which include lectures to students, a special category of student membership and providing lecturers and students with resource material on steel construction.

### Academic Employment Wollongong - 2000

The report of the Senate Standing Committee Working Party on Academic Employment, entitled 'Academic Employment Wollongong - 2000' has been distributed by E-mail.

The report is directed primarily at members of the academic staff, but may have interest for others as well.

Chairperson of the Academic Senate, Helen Gamble, said the report is the result of 12 months work of the working party and a consultant involving discussions and forums with people from all sections of the campus.

It puts forward proposals to ensure Wollongong University remains competitive in attracting staff and students into the 2000s.

The report has been tabled before the Standing Committee and will be discussed at Senate during coming months.

Staff who are not on E-mail are requested to obtain a copy from the Departmental Administrative Assistants or another member of the Department.

### Staff News

Further to earlier advice on academic promotions, Dr GL Rando, Department of Modern Languages, has been promoted to Associate Professor from 1 January 1992

### For Sale

Ampex Terminal, 355 mm amber monitor and keyboard, \$150. Laser 101 Keyboard, \$50. NEC HDD 80meg SCSI, \$160. 20meg 5.25 HDD, \$120. Telecom modem, \$120. Desk 6 x 3ft with return, \$140. Desk 5 x 3ft - 6 drawers, \$110.

Contact Fred Seidel, tel. 286 959

## Department of Accountancy

**27 March:** Mr Alex Frino, Department of Accountancy, University of Wollongong - *An empirical study of the effect of short selling on the bid ask spread.*

**3 April:** Mrs Kathy Cooper and Mrs Vivienne Coombe, Department of Accountancy, University of Wollongong - *Maximising academic and student productivity through digital technology.*

**10 April:** Mr Robert Williams, Department of Accountancy, University of Wollongong - *Income tax: discipline or revenue.*  
Seminars are held in Faculty of Commerce Building 40, Room 124, from 11.30am-1pm. Contact: Assoc Professor Hai Yap Teoh (042) 21 3625

## Department of Biology

**9 April:** Mr Patrick Tap, *Fire and invertebrate communities: perceptions and realities.*

**14 April:** Dr Mark Walker, *The development of recombinant whooping cough vaccines.*

**28 April:** Associate Professor Tony Hulbert, *Oils aint oils: why cats eat meat.*  
(Advertised last year but not given)

**12 May:** Dr Glenda Vaughton, *Selective abortion in Banksia spinulosa var. neoanglica.*

**19 May:** Associate Professr Ross Lilley, *Rubisco oxygenase: a photosynthetic enzyme that emits light.*

**26 May:** Dr Mike Thompson, School of Biological Sciences, University of Sydney, *Physiology of reptilian eggs: comparison of contemporary and extinct reptiles.*

Seminars are held in Building 35, Lecture Theatre G19, at 12.30pm. Contact: Dr David Ayre (042) 21 3440

## Department of Electrical & Computer Engineering

**30 March:** Mr P Ciufu, *Micromouse.*

**6 April:** Dr H W P Beadle, *Multimedia communication.*

**13 April:** Dr P Doulai, *Power electronics.*

**27 April:** Mr J Lawrence, *Modeling of intelligent networks.*

**4 May:** Mr N Kulkarni, *Texture analysis using gabor transform.*

**11 May:** Mr D Dejsakulrit, *Switching strategies for active power filters.*

**18 May:** Mr N Tabrizi, *Parallel processing in real-time systems.*

**25 May:** Mr M Ghezelayah, *Harmonic management in power systems.*

Seminars are held in Room 35/G45 at 12.35 pm Contact: Philip Ogunbona (042) 21 3403

## Seminars

### Department of Human Movement Science

#### Research Seminars

**Seminar 1: Thursday 2 April,** Dr Stephen Boutcher (Dept Human Movement Science), *Diabetic autonomic neuropathy: prevalence and identification.*

**Seminar 2: Thursday 16 April,** Dr Charles Hardy (University of North Carolina, USA) *Social physique anxiety and exercise behaviour.*

**Seminar 3: Thursday 30 April,** Dr Nigel Taylor (Dept Human Movement Science), *Immersion hypothermia: immersion garments.*

**Seminar 4: Thursday 14 May,** Dr Peter Milburn (Dept Human Movement Science), *Spinal injury mechanisms in contact sports.*

**Seminar 5: Thursday 28 May,** Prof. Tony Parker (Dept Human Movement Science), *Skeletal adaptation and exercise.*

**Seminar 6: Thursday 11 June,** Associate Prof Tony Hulbert (Dept of Biology), *Cellular basis of warm-bloodedness.*

All seminars are held in Building 35, Room G19, from 12:30-1:15 pm.

### Department of Management

**26 March:** Professor Gill Palmer, *Perspectives on management.*

**2 April:** John Flanagan, *Forecasting Australian domestic steel market.*

**8 April:** Dr Tom Keenoy, Cardiff Business School, *The emergence of HRM in Britain: metaphor, meaning, and reality.* Joint Economics / Management Seminar, Venue: 40.128

**9 April:** Stan Dransfield, BHP, *Restructuring management 1992 - performance improvement through commitment or coercion?*

**16 April:** Dr Trevor Williams, *Information technology and inter-organisational change.*

**30 April:** Professor David Greatorex, *Managing in different economic cycles.*

**7 May:** Mr Warwick MacMillan, South Coast employment development project, *towards workplace reform - applications using HRM information systems.*

**14 May:** Professor Boris Kabanoff, AGSM, *Culture in Australian organisations.*

**21 May:** Professor Michael Hough, *Human resources framework: an Australian perspective.*

**28 May:** Dr Muris Cicic, *The changing political economy of Eastern and Central*

*Europe - some predictions and marketing consequences.*

Seminars are held in Bld 40, Room 124, from 12.30-2.00 pm Contact: Dr Muayyad Jabri (042) 21 3647

### Department of Mechanical Engineering

**31 March:** Professor Bob Bedore, Visiting Professor, *Modal analysis*, 11.30am

**8 April:** Professor John Blake, Department of Mathematics, University of Birmingham, *Cavitits, jets and toroidal bubbles*, 2.30 pm

**21 April:** Professor Bob Bedore, Visiting Professor, *Ultrasonic machining on hard materials and reinforced composite*, 11.30am.

All seminars in Building 8, Seminar Room. Contact: W.K. Soh, ext. 3059.

### Department of Nursing

**10 April:** Professor Carol Morse, *Pre-menstrual Syndrome: Troubled Hormones or Troubled Women?*

**26 May:** Associate Professor Robyn Holden, *Psychoanalysis and the Death Drive.* 12.30 pm to 1.30 pm in the Nursing Building, No. 38, Room G01

### Department of Philosophy

**3 April:** Fred Kroon, Department of Philosophy, University of Auckland. To be advised

**10 April:** Robert Dunn, Department of Philosophy, University of Wollongong, *attitudes, agency and first-personality.*

**1 May:** Suzanne Uniacke, Department of Philosophy, University of Wollongong, *Peter Singer and nonvoluntary 'euthanasia': tripping down the slippery slope.* Paper co-authored with H J McCloskey.

All seminars are held in Building 19, Room 1034, Level 1, at 2pm. Contact: Karen Barrett (042) 21 3615

### Department of Public Health and Nutrition

**30 March:** Kerry Ayre, Departments of Biology and Human Movement, *Dietary Fats and Exercise.*

**13 April:** Brian O'Neill, Department of Public Health and Nutrition, *Videoconferencing as an Educational Medium.*

**27 April:** Linda Tapsell, Department of Public Health and Nutrition, *Towards a Theoretical Approach to Community Nutrition Education.*

Seminars held in Room 19.2061 12.30-1.30pm.

□ The Anglican Chaplaincy on campus conducts a service of **Holy Communion** on campus each Wednesday at 8.40 am during session in the Chaplain's Office, 1st floor Union Building. Campus bible study groups meet on Thursdays 12.30 pm Bld 40, Room 131. Enquiries 213534, or drop in to the Chaplain's Office for a chat.

□ The **Fringe Exhibition** featuring works by BCA and Summer School students is running until 11 April 1992.

□ The School of Creative Arts' **Art of Lunch** features: Marelle Day, Writer-in-residence reads from her recent work: 26 March. Elizabeth Anderson, Melbourne harpsichordist. A return visit: 2 April. Roy Howat, Scottish-born pianist and Artist-in-residence: 9 April. José Aerts in the Inter-Arts project *Secret of Black*: 16 April. These events are held in the Music Auditorium from 12.35 -1.25 pm. Morrie Scott will talk about film maker Stephen Frost and *Art Pix* (Films about Artists) on 1 April from 12.35pm -1.25pm in the Music Auditorium

□ The **Sydney Symphony Orchestra** will play in The Hope Theatre on 27 March from 8pm, Contact: School of Creative Arts Booking Office (042) 21 4214

## What's On

□ **Elizabethan Carnival under the stars.** Theatre South, in association with the School of Creative Arts presents The Tragedy of King Richard 111, by William Shakespeare, 28 March-5 April. Logie winner David McCubbin tackles the lead role of Richard in this special outdoor presentation in the grounds of the University (there are alternative arrangements in the event of inclement weather). Bookings: tel. 296144 or 296758

□ **'Silly Walk' for Walk against Want.** University students will parade their 'Silly Walks' and 'wacky costumes' and lead Community Aid Abroad's annual 'Walk Against Want' on Sunday 5 April starting from Tumbalong Park, Darling Harbour. A panel of celebrity judges will select the best acts. To join in call Karina or Elise on (02) 281 6799

□ **Illawarra Committee for Overseas Students'** calendar of events: Gledswood Homestead (sheep shearing): 20 April, Blue Mountains: 23 May, Snowy Mountains: 25 July, Canberra: 19 September, Harbour Cruise and Sydney Aquarium: 11 October, Australia's Wonderland: 5 December. Tickets and details are available from

the ICOS office in the Union Building next to the Careers and Appointments Service, Tuesday, Wednesday and Friday, 9.30am-2pm. Tel. (042) 21 3158.

□ Agenda deadlines for the 1992 **Human Experimentation Ethics Committee meetings** are: 14 April, 4 July, 30 August, 24 October, 5 December. It will no longer be possible to table late items. Late applications will be held over until the next meeting.

□ **Professor Fred Hollows** will give the annual **University Day Address** on Monday, 11 May.

□ **1992 Graduation Ceremonies:** 12-15 May and 8-9 October.

□ Items for the **UGSC** must be given to acting secretary Mrs M Evans or minute secretary Mrs S Jennings, both in Student Administration, by 5pm on 14 April, 2 June, 30 June, 25 August, 10 November.

□ **Open Day:** Sunday, 30 August.

□ **Australian Computer Conference on Information Systems** hosted by the Department of Business Systems 5-8 October at the University of Wollongong. Enquiries to Gaye Herbert (042) 21 3958.

## University Singers to honour Rossini's birth

The University Singers and the BHP Youth Orchestra, conducted by David Vance, will celebrate the bicentenary of the birth of Gioacchino Rossini (1792-1868) next month.

A performance of Rossini's *Stabat Mater* will be staged in the Hope Theatre on Good Friday, 17 April, at 6pm.

The work, completed in 1842, is scored for four soloists, choir and a large orchestra.

This performance will include two soloists who have a close association with the University.

Mezzo-soprano Catherine Burrows graduated with a Bachelor of Creative Arts in 1988, and is completing her studies at the Sydney Conservatorium Opera School.

Bass Keith Hempton, formerly a member of The Song Company, and a principal with the South Australian Opera, is lecturer-in-charge at Wollongong University Conservatorium.

Bookings: ext. 4214 or tel. (042) 214214.

For further information, contact David Vance, tel. (042) 213591.

## Stop Press

**WANTTOSTUDYABROAD?**  
Student Exchange Program  
Lunchtime information session. 12.30pm Wednesday 25 March Kemira Room in the Union or contact the International Office Administration Building.

**Campus News** is published weekly on Tuesdays during Autumn and Spring sessions. Send material, preferably by Microsoft Mail or on disk, to Gillian Curtie (042) 21 3110 by noon on Monday of the week before that of publication